Title (en)

ANALYSIS/SYNTHESIS FILTERING SYSTEM WITH EFFICIENT ODDLY-STACKED SINGLE-SIDEBAND FILTER BANK USING TIME-DOMAIN ALIASING CANCELLATION

Title (de)

ANALYSE/SYNTHESE-FILTERSYSTEM MIT EFFIZIENTER MIT UNGERADE GESTAPELTER EINSEITENBAND-FILTERBANK UNTER VERWENDUNG DER TDAC-TECHNIK

Title (fr)

SYSTEME DE FILTRAGE D'ANALYSE/SYNTHESE AVEC BANCS DE FILTRES EFFICACES A UNE SEULE BANDE LATERALE ET A EMPILEMENT INTERNE UTILISANT LA SUPPRESSION DU REPLIEMENT DU SPECTRE DANS LE DOMAINE TEMPOREL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9735386A1] An efficient implementation of oddly-stacked critically-sampled single-sideband analysis/synthesis filter banks is achieved by application of a set of functions to time-domain and frequency-domain values before and after transformation. An implementation of an oddly-stacked Time Domain Aliasing Cancellation transform that permits the length of the transformation to be adaptively selected is disclosed.

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H04B 1/66; H03H 17/02

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